

**Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims**

1. (Currently Amended) An autofocus apparatus for performing a focusing operation using a frequency component of a video signal, comprising:

a cutting unit adapted to cut out the video signal;

an interpolating unit adapted to interpolate the video signal;

an extracting means for extracting unit adapted to extract a frequency component of a prescribed band in the video signal; and

a changing means for changing unit adapted to change the band of the frequency component, which is extracted by said extracting means unit, in accordance with the number of pixels of the video signal where the video signal is not only cut out by said cutting unit but is interpolated by said interpolating unit.

2. (Currently Amended) The apparatus according to claim 1, wherein a plurality of said extracting means unit are provided, and said changing means unit selects a desired one of the extracting means unit from said plurality thereof and the band is changed using said desired extracting means unit.

3. (Currently Amended) The apparatus according to claim 1, wherein said extracting means unit comprises a digital filter having a coefficient that is variable.

4.-5. (Canceled)

6. (Original) The apparatus according to claim 1, wherein the frequency component is a high-frequency component.